

ABSTRACT OF THE DISCLOSURE

For each of a plurality of storage devices, there is stored a response time required from when an input/output request sent from a host processor is received until when a processing result of the request is sent to the host processor. One or a plurality of response-time upper limit values assigned respectively to one or a plurality of files to be stored in the storage device are stored and managed. The upper limit value of the file to be stored and each of the response times of the storage devices are compared, and according to the comparison result, a storage device for storing the file is selected. Through such a structure, an operational form of a storage control device may be optimized.